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Date of Deposit

Andrew D. Stover, Reg. No. 38,629

Name of Applicant, Assignee or Registered Representative

Signature

Date of Signature

Our Case No.: 70-82

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**Examiner: Unassigned** 

Group Art Unit No.: 3747

In re Application of:

James O. Burke

Serial No.: 10/764,990

Filing Date: January 26, 2004

For: VEHICLE WITH SWITCHED

SUPPLEMENTAL ENERGY

STORAGE SYSTEM FOR ENGINE

**CRANKING** 

### INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents Alexandria, VA 22313-1450

Dear Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56, it is respectfully requested that this Information Disclosure Statement be entered and the documents listed below and on the attached Form PTO-1449 be considered by the Examiner and

made of record. Copies of the listed documents required by 37 C.F.R. § 1.98(a)(2) are enclosed for the convenience of the Examiner.

The references now cited are the following:

U.S. PATENT NO.	ISSUE DATE	PATENTEE
2,659,042	11/1953	ANDERSON
3,638,108	01/1972	CHANNING
3,942,027	03/1976	FIMA
4,161,682	07/1979	CORVETT
4,488,147	12/1984	SIGNORILE
4,492,912	01/1985	NOWAKOWSKI
4,494,162	01/1985	EYLER
4,510,431	04/1985	WINKLER
4,540,929	08/1985	BINKLEY
4,727,306	02/1988	MISAK ET AL.
4,857,820	08/1989	TOMPKINS ET AL.
4,902,955	02/1990	MANIS ET AL.
5,039,930	08/1991	COLLIER ET AL.
5,077,513	12/1991	DEA ET AL.
5,146,095	09/1992	TSUCHIYA ET AL.
5,157,267	10/1992	SHIRATA ET AL.
5,155,373	10/1992	TSUCHIYA ET AL.
H1172	04/1993	GORNIAK
5,207,194	05/1993	CLERICI, GUIDO
5,260,637	11/1993	PIZZI
5,321,389	06/1994	MIESTER
5,371,455	12/1994	CHEN
5,563,454	10/1996	ARAKI ET AL.
5,589,292	12/1996	ROZON
5,637,978	06/1997	KELLET ET AL.
5,642,696	07/1997	MATSUI
5,783,872	07/1998	BLAIR
5,793,185	08/1998	PRELEC ET AL.
5,818,115	10/1998	NAGAO, YASUHIRO
5,925,938	07/1999	TAMOR
5,963,417	10/1999	ANDERSON ET AL.
5,998,961	12/1999	BROWN
6,018,199	01/2000	SHIROYAMA ET AL.
6,034,492	03/2000	SAITO ET AL.
6,057,667	05/2000	MILLS
6,075,331	06/2000	ANDO ET AL.
6,130,519	10/2000	WHITING ET AL.

U.S. PATENT NO.	ISSUE DATE	PATENTEE
6,133,645	10/2000	SCRIBNER ET AL.
6,160,373	12/2000	DUNN ET AL.
6,163,088	12/2000	CODINA ET AL.
6,211,577 B1	04/2001	ALKSNAT ET AL.
6,212,054 B1	04/2001	CHAN
6,222,342 B1	04/2001	EGGERT ET AL.
6,242,887	06/2001	BURKE
6,265,851 B1	07/2001	BRIEN ET AL.
6,325,035 B1	12/2001	CODINA ET AL.
6,362,595	03/2002	BURKE
6,426,606 B1	07/2002	PURKEY
US 2003/0075134 A1	04/2003	BURKE
6,679,212	04/2004	KELLING

### FOREIGN PATENT DOCUMENTS

JP-2-175351	07/1990	JAPAN

#### **OTHER ART**

	Charge All Wheel Type Battery Chargers	(Model 13-012 Boost All, Good All Mfg.
l	1999).	

The Intra Switch, Intra USA, 1998.

Battery Optimizer, Purkey's Fleet Electric Inc., 1999.

Low Voltage Disconnects Switches and Alarms, Sure Power Industries Inc., 1998.

U.S. Patent Application No. 09/802,284, filed May 1, 2001, entitled "Vehicle with Switched Supplemental Energy System for Engine Cranking."

Copy of U.S. Provisional Application No. 60/292,791, filed May 22, 2001, entitled "Vehicle with Switched Energy Storage System for Engine Cranking."

Copy of U.S. Patent Application No. 09/652,686, filed August 31, 2000, entitled "Vehicle with Supplemental Energy Storage System for Engine Cranking."

Copy of U.S. Patent Application S/N 10/085,427 filed February 28, 2002, Inventors: Burke and Solberg.

Copy of U.S. Patent Application S/N 09/838,005 filed April 18, 2001, Inventor: James O. Burke.

Miller et al., SAE Technical Paper Series 982794 entitled "Truck Starting Using Electrochemical Capacitors," copyrighted 1998, pp. 1-7.

Miller, John R., "Engineering Battery Capacitor Combinations in High Power Applications: Diesel Engine Starting," presented at "The 9th International Seminar on Double Layer Capacitors and Similar Energy Storage Devices," Deerfield Beach, Florida, pp. 1-11, December 6-8, 1999.

KBi KAPower "Installation-Operation Manual," KBi/Kold-Ban International, Ltd., KBi Form #131137 Rev. 06/00, pp. 1-11, 2000.

KBi, "KBi Kranking Kap Super Capacitors," KBi Publication, 2000, 2 pages.

"KAPower Super Capacitors," Kold-Ban International, Ltd., brochures, 2000, 2 pages. KBi, "KrankingKart Professional Jump-Start Unit," obtained at the internet address: http://www.koldban.com/mainpages/karts.htm, August 30, 2001, 3 pages.

Pursuant to the undersigned attorney's obligation and duties under C.F.R. §§ 1.56 and 1.98(a)(3), an English language translation of Japanese reference JP 2-175351 is provided for the express purpose of providing a concise explanation of that reference to the Examiner and the USPTO with opportunity to evaluate the same.

In accordance with 37 C.F.R. § 1.97(g),(h), this Information Disclosure Statement is not to be construed as a representation that a search has been made and is not to be construed to be an admission that the information cited is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

This Information Disclosure Statement is being filed prior to the receipt of the first Official Action reflecting an examination on the merits and hence is believed to be timely filed in accordance with 37 C.F.R. § 1.97(b). No fees are believed to be due in connection with filing of this Information Disclosure Statement, however, should any fees under 37 C.F.R. §§ 1.16 to 1.21 be deemed necessary for any reason relating to these material, the Commissioner is hereby authorized to deduct said fees from Brinks Hofer Gilson & Lione Deposit Account No. 23-1925. A duplicate copy of this document is enclosed.

Applicant(s) respectfully request that the listed documents be made of record in the present case.

Respectfully submitted,

Andrew D. Stover

Registration No. 38,629 Attorney for Applicant(s)

BRINKS HOFER GILSON & LIONE P.O. Box 10395 Chicago, IL 60610 (312) 321-4200

FORM PTO-1449 \( \frac{1}{2} \)	SERIAL NO.	CASE NO.
RADEMARKO	10/764,990	70/82
LIST OF PATENTS AND PUBLICATIONS FOR	FILING DATE	GROUP ART UNIT
APPLICANT'S INFORMATION DISCLOSURE	January 26, 2004	3747
STATEMENT		
(use several sheets if necessary)	APPLICANT(S): James O. Burk	e et al.

#### REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

EXAMINER	1	DOCUMENT	PATENT DOC	T T	CLASS/	FILING
INITIAL		NUMBER NUMBER-KIND CODE (IF KNOWN)	DATE	NAME	SUBCLASS	DATE
	A1	2,659,042	11/1953	ANDERSON		
	A2	3,638,108	01/1972	CHANNING		
	A3	3,942,027	03/1976	FIMA		
	A4	4,161,682	07/1979	CORVETT		
	A5	4,488,147	12/1984	SIGNORILE		
	A6	4,492,912	01/1985	NOWAKOWSKI		
	A7	4,494,162	01/1985	EYLER		
	A8	4,510,431	04/1985	WINKLER		
	A9	4,540,929	08/1985	BINKLEY		
	A10	4,727,306	02/1988	MISAK ET AL.		
	A11	4,857,820	08/1989	TOMPKINS ET AL.		
	A12	4,902,955	02/1990	MANIS ET AL.		
	A13	5,039,930	08/1991	COLLIER ET AL.		
	A14	5,077,513	12/1991	DEA ET AL.		
	A15	5,146,095	09/1992	TSUCHIYA ET AL.		
	A16	5,157,267	10/1992	SHIRATA ET AL.		
-	A17	5,155,373	10/1992	TSUCHIYA ET AL.		
	A18	H1172	04/1993	GORNIAK		
	A19	5,207,194	05/1993	CLERICI, GUIDO		
	A20	5,260,637	11/1993	PIZZI		
	A21	5,321,389	06/1994	MIESTER		
	A22	5,371,455	12/1994	CHEN		
	A23	5,563,454	10/1996	ARAKI ET AL.		
	A24	5,589,292	12/1996	ROZON		
	A25	5,637,978	06/1997	KELLET ET AL.		
	A26	5,642,696	07/1997	MATSUI		
	A27	5,783,872	07/1998	BLAIR		
	A28	5,793,185	08/1998	PRELEC ET AL.		
	A29	5,818,115	10/1998	NAGAO, YASUHIRO		
	A30	5,925,938	07/1999	TAMOR		
	A31	5,963,417	10/1999	ANDERSON ET AL.		
	A32	5,998,961	12/1999	BROWN		
	A33	6,018,199	01/2000	SHIROYAMA ET AL.		
	A34	6,034,492	03/2000	SAITO ET AL.		
	A35	6,057,667	05/2000	MILLS		
	A36	6,075,331	06/2000	ANDO ET AL.		

EXAMINER	DATE CONSIDERED
EVAMINEK	DATE CONSIDERED

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(use several sheets if necessary)	APPLICANT(S): James O. Burk	e

REFERENCE DESIGNATION	U.S. PATENT (
DEFEDENCE DESIGNATION	II V PAIENII

REFERENCE EXAMINER		DOCUMENT	PATENT DO		CLASS/	FILING
INITIAL		NUMBER NUMBER-KIND CODE (IF KNOWN)	DATE	NAME	SUBCLASS	DATE
	A37	6,130,519	10/2000	WHITING ET AL.		
	A38	6,133,645	10/2000	SCRIBNER ET AL.		
	A39	6,160,373	12/2000	DUNN ET AL.		
	A40	6,163,088	12/2000	CODINA ET AL.		
	A41	6,211,577 B1	04/2001	ALKSNAT ET AL.		
	A42	6,212,054 B1	04/2001	CHAN		
	A43	6,222,342 B1	04/2001	EGGERT ET AL.		
	A44	6,242,887	06/2001	BURKE		
-	A45	6,265,851 B1	07/2001	BRIEN ET AL.		
	A46	6,325,035 B1	12/2001	CODINA ET AL.		
	A47	6,362,595	03/2002	BURKE		
	A48	6,426,606 B1	07/2002	PURKEY		
	A49	US 2003/0075134 A1	04/2003	BURKE		
	A50	6,679,212	04/2004	KELLING		

## **FOREIGN PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER Number-Kind Code (if known)	DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION YES OR NO
	A51	JP-2-175351	07/1990	JAPAN		Х

EXAMINER INITIAL		OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)
	A52	Charge All Wheel Type Battery Chargers (Model 13-012 Boost All, Good All Mfg. 1999).
	A53	The Intra Switch, Intra USA 1998.
	A54	Battery Optimizer, Purkey's Fleet Electric Inc. 1999.
	A55	Low Voltage Disconnects Switches and Alarms, Sure Power Industries Inc. 1998.
	A56	Copy of U.S. Patent Application No. 09/802,284, filed May 1, 2001, entitled "Vehicle with Switched Supplemental Energy System for Engine Cranking."
	A57	Copy of U.S. Provisional Application No. 60/292,791, filed May 22, 2001, entitled "Vehicle with Switched Energy Storage System for Engine Cranking."
	A58	Copy of U.S. Patent Application No. 09/652,686, filed August 31, 2000, entitled "Vehicle with Supplemental Energy Storage System for Engine Cranking."
	A59	Copy of U.S. Patent Application S/N 10/085,427 filed February 28, 2002, Inventors: Burke and Solberg.

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	A61	Miller et al., SAE Technical Paper Series 982794 entitled "Truck Starting Using Electrochemical Capacitors," copyrighted 1998, pp. 1-7.
	A62	Miller, John R., "Engineering Battery Capacitor Combinations in High Power Applications: Diesel Engine Starting," presented at "The 9th International Seminar on Double Layer Capacitors and Similar Energy Storage Devices," Deerfield Beach, Florida, pp. 1-11, December 6-8, 1999.
	A63	KBi KAPower "Installation-Operation Manual," KBi/Kold-Ban International, Ltd., KBi Form #131137 Rev. 06/00, pp. 1-11,2000.
	A64	KBi, "KBi Kranking Kap Super Capacitors," KBi Publication, 2000, 2 pages.
	A65	"KAPower Super Capacitors," Kold-Ban International, Ltd., brochures, 2000, 2 pages.
	A66	KBi, "KrankingKart Professional Jump-Start Unit," obtained at the internet address: http://www.koldban.com/mainpages/karts.htm, August 30, 2001, 3 pages.

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